AMENDMENTS TO THE ABSTRACT

Please amend the abstract as follows.

~~In order to detect the electrical position of the rotor of an electrical machine (4) coupled (6) to an internal combustion engine (7) provided with a sensor (8) delivering a first angular position signal for speeds of rotation greater than a minimum measurement speed (V_M), a second signal is generated on the basis of the characteristics of the electrical machine, the second signal being representative of an estimated angular position of the rotor for speeds of rotation that are less than an estimation speed (V_A); depending on the estimated speed of rotation, means for controlling the machine are supplied either with the estimated angular position value when the estimated speed is below a first threshold (S1), or with the signal from the sensor when the estimated speed is greater than a second threshold (S2), and a changeover is performed from one signal to the other in a range lying between the first threshold and the second threshold.~~

A method of detecting an angular position of a rotor of an electrical machine includes determining a rotor position for the electrical machine using data obtained from a first data source, determining a rotor position for the electrical machine using data obtained from a second data source, and switching between determining a rotor position using data obtained from the first data source and using data obtained from the second data source. A point at which switching occurs is different when a speed of rotation is increasing than when the speed of rotation is decreasing.